



## 2020 Operational Report

Stoney Lake Road Transfer Station  
Part of Lot 21, Concession 4  
Township of Douro-Dummer (Douro)  
County of Peterborough

**GHD** | 347 Pido Road – Unit 29, Peterborough, Ontario K9J 6X7  
11212878 | 03 | Report No 2 | March 26, 2021



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## 1. Introduction

This report presents the annual review of the operations of the transfer station located at the former Stoney Lake Landfill Site in the Township of Douro-Dummer. The review was conducted at the request of the Township in compliance with Amended Environmental Compliance Approval (ECA) for a Waste Transfer Station, issued by the Ministry of the Environment Conservation and Parks (MECP). A copy of the ECA is included in Appendix A.

## 2. Background

The property is situated on Part Lot 21, Concession 4, in the former geographic Township of Douro now Township of Douro-Dummer in the County of Peterborough. The location of the property relative to the local roads and nearby watercourses is depicted on the Geologic Plan, Plate 1. The transfer station is situated within the closed Stoney Lake Landfill Site that encompasses a total area of 4.25 ha (10.5 acres). The surficial features of the surrounding lands and including the property are shown on the Site Plan, Plate 2.

A C of A for the property was issued on September 17, 1982. On May 24, 2007 an amendment to the C of A was issued allowing a transfer station at the landfill site. The MECP issued an amendment to the C of A on February 13, 2008 to incorporate information provided by the Township in support of condition 30 of the Design, Operation and Maintenance Report detailing the development of a construction, demolition and waste processing station at the landfill site. A further Amended Environmental Compliance Approval (ECA) was issued in 2016. Currently the facility is allowed no more than 800 tonnes of dry waste accepted per day, with 300 tonnes a day of residual waste to leave the site per day and to allow no more than 1,700 tonnes of residual waste on-site at any time.

The following scope of work was carried out to meet conditions outlined in “Site Operations” outlined in the Amended ECA (Appendix A):

1. Reviewed available background information relating to past work, including referenced documentation in of the ECA and its following amendments in order to evaluate site operations and previous monitoring results. Reviewed reported 2020 operational records for compliance with the ECA and attached amendment.
2. Presented the data and findings from our review in a written report including waste and recyclables transferred from the site.



### 3. Operational Review

The following sections provide an overview of the operation of the transfer station. A property plan of the transfer station depicting storage bins and holding areas is depicted on the Plot Plan, Plate 3.

#### 3.1 Current Operations

Waste Connections operated the site for the year. An attendant was present at all times during operating hours. Township staff inspect and supervise the operators on a monthly basis to ensure the site is operated in accordance with the Amended ECA. The operation/management of the transfer station includes the hours of operation, on-site attendants, signage, provision of fire-fighting equipment, surface water drainage, site cleanup, vehicle, routing and record keeping.

#### 3.2 Attendants Responsibilities

The on-site attendants are responsible for the following responsibilities listed in Table 3.1.

Table 3.1 Site Attendants Responsibilities

Tasks	Frequency	Action
Record Keeping	Daily	Daily fees collected, unusual events, equipment worked, types and quantities of waste entering the site, site maintenance, approximate number of haul vehicles entering the site daily, agency inspectors visiting the site
Inspect Gate and Fence	Weekly	Repair as required
Inspect Entrance, Entrance Road and On-site Roads	Weekly	Grade ground surfaces as required
Inspect Equipment	Daily	Ensure all equipment is in proper working order
Inspect Drainage Course	Monthly in Summer	Clear / reshape as required
Inspect Storage Containers	Weekly	Repair/paint containers as needed, lubricate hinges monthly
Clean Up Site	Ongoing (minimum weekly)	Pick up refuse and waste and place in appropriate bins
Snow Removal	Seasonal	Ensure site is accessible
Monitoring of Refuse Area	Ongoing	Keep area neat. Remove unsuitable materials.

No citizens' complaints or incidents were reported in 2020.



### 3.3 Current Hours of Operation

Typical hours of operation include the following:

- Monday to Friday, 7:00am to 5:00pm; and
- Closed, Saturday and Sunday.

### 3.4 Signage

Signs are posted along traffic routes at the recycling bins at the municipal special waste (MSW) containers and in the segregated materials storage area to advise the public of the operations.

## 4. Waste Management

### 4.1 Solid Waste

In 2020, 48,728.77 tonnes of waste were received at the Stoney Lake Transfer Station. The waste consists of construction and demolition (C&D) debris and commercially collected waste and green waste, with no curbside household waste accepted. The demolition and construction debris is processed on-site, sorted and divided into separate waste streams of wood, scrap metal and mixed C&D. The wood stream consists primarily of “clean” wood meaning non-painted, non-pressure treated, etc. and is chipped on-site for use as a product. 678.78 tonnes of clean wood was shipped out in 2020.

Of the 48,728.77 tonnes received, approximately 36,215.36 tonnes was considered residual waste (non-recyclable, non-wood, metal and tires) and was transferred to an appropriately licensed facility for disposal. 20,657.53 tonnes of C&D waste (different recycling waste streams) was transferred from the site for processing.

The site is open (on average) twenty (21) days per month, twelve (12) months a year. This indicates the site receives on average 4,060.7 tonnes a month (193 tonnes per day) of dry waste and within the allowable 800 tonnes per day. In 2020, 49,580.27 tonnes of residual waste (waste + C&D) was shipped from the site with an average volume of residual waste leaving the site of 196.7 tonnes per day which is within the permitted 300 tonnes per day. A summary of the volumes of the monthly totals of waste and recyclable materials entering and leaving the site is presented on Table 4.1.



## 4.2 Site Operation and Segregate Storage

The majority of the waste materials are from residential and light commercial construction sites within a 100km radius service area. The waste is transported to the site by means of licensed haulers. Upon receipt, metal and concrete are transferred into bins for recycling. All other waste is stockpiled for sorting. The material is loaded into a sorting machine. All particles smaller than five centimeters are separated and forwarded to the Peterborough County/City Waste Management Facility (Bensfort Road Landfill). The site also receives industrial/ commercial/ institutional (ICI) waste onto a covered receiving pad. This material is transferred daily to the Bensfort Road Landfill by licensed haulers.

All material that is deemed to be residual waste is removed by hand at the picking station. This material is stockpiled at the north end of the site and is transferred daily by means of an appropriately licensed hauler to a licensed facility for disposal. The remaining material is ground and stockpiled in the central portion of the site. This material is transferred daily from the site although a stockpile of this material does accumulate when the volume of materials that are ground, outpaces the volume transferred. This stockpiling occurs during the summer months (May to October). No hazardous wastes are accepted at the Stoney Lake Transfer Station.

## 4.3 Recyclable Materials

In 2020, 707.51 tonnes of material was transferred from the site for recycling. The recyclable materials are transported by a licensed hauler to appropriately licensed facilities when the containers are full or as required by the end users. In general, the average holding time of the metal is seven (7) days with the wood up to 6 months. In 2020, the following tonnage of material was transferred from the site:

- Wood – 678.78 tonnes
- Metal – 28.73 tonnes

A summary of the tonnage of the monthly totals of waste and recyclable materials entering and leaving the site is presented in Table 4.1.



Table 4.1 2020 Stoney Lake Transfer Station, Monthly Tonnage Record

Months	Tonnage Accepted				Tonnage Shipped Out			
	C&D	Waste	Green Waste	Wood	Waste	Wood	Metal	Mixed C & D
<b>January</b>	1,118.14	2,601.24	-	62.61	2,409.43	268.91	18.07	1,689.84
<b>February</b>	549.79	2,182.96	0.29	85.72	1,866.54	59.72	5.00	978.45
<b>March</b>	1,439.17	2,763.07	-	58.43	2,303.44	139.79	5.66	1,682.48
<b>April</b>	663.39	2,628.74	8.13	58.08	1,975.09	-	-	1,439.95
<b>May</b>	926.56	2,758.83	9.26	39.84	2,457.96	56.80	-	1,705.15
<b>June</b>	1,171.71	3,467.32	24.74	63.49	2,693.92	-	-	1,806.21
<b>July</b>	1,086.20	3,369.09	16.67	33.00	2,940.30	-	-	1,690.48
<b>August</b>	1,131.74	3,288.46	16.45	27.37	2,593.40	-	-	1,798.63
<b>September</b>	1,151.37	3,630.76	15.22	48.05	2,743.99	-	-	2,328.76
<b>October</b>	1,042.87	3,503.47	7.49	34.40	2,599.76	153.56	-	2,074.46
<b>November</b>	1,016.12	3,205.37	7.53	35.78	2,112.38	-	-	1,512.78
<b>December</b>	525.60	2,816.05	0.07	38.13	2,226.53	-	-	1,950.34
<b>Totals</b>	11,822.66	36,215.36	105.85	584.90	28,922.74	678.78	28.73	20,657.53
<b>Total Tonnage Accepted</b>	48,728.77				<b>Total Tonnage Shipped Out</b> 50,287.78			
<b>Percentages</b>	24.3%	74.3%	0.2	1.2%	57.5%	1.3	0.1%	41.1%



## 5. Conclusions and Recommendations

This report presents the results the operational review carried out at the Stoney Lake Transfer Station located on Part Lot 21, Concession 4, in the Township of Douro-Dummer (Douro), in the County of Peterborough. The review was conducted in compliance with the Amended ECA issued by the MECP.

It is our professional opinion that the Stoney Lake Transfer Station has been operated in accordance with the Amended ECA for the 2020 operational period.

### 5.1 Signatures

We trust that this report meets with your immediate requirements. Should you have any questions, please contact our office.

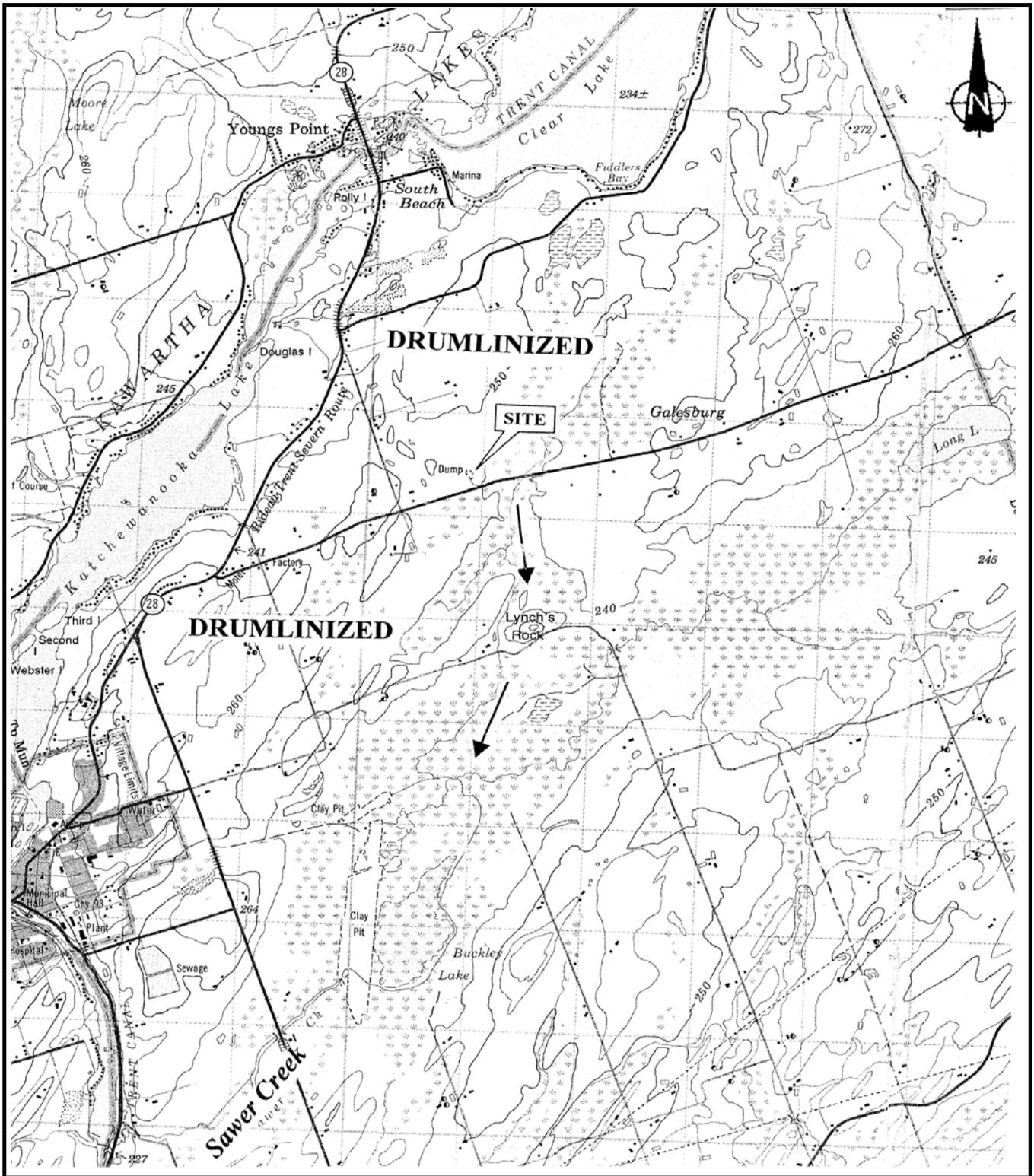
Sincerely,

GHD

Steven J. Gagne, H.B.Sc.

Nyle McIlveen, P.Eng.





Base map compiled from Energy, Mines and Resources Canada Map 31 D/8 dated 1985. Air photography dated 1981.

**Scale:**  
1:10000  
Coordinate System  
NAD 1983 UTM

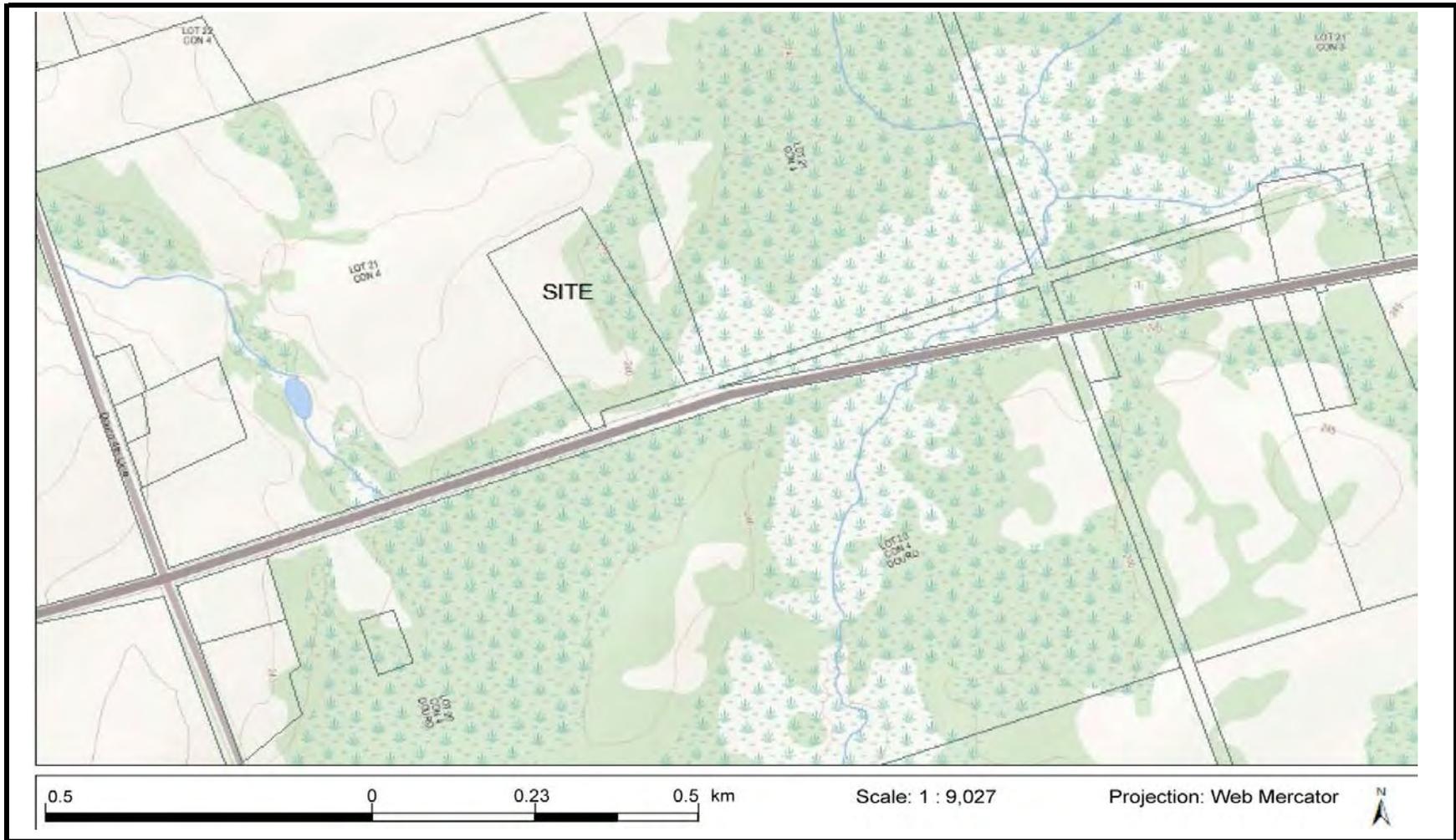


Stoney Lake Rd Transfer Station  
Part Lot 21, Concession 4  
Township of Douro-Dummer

11212878-01  
March 2021

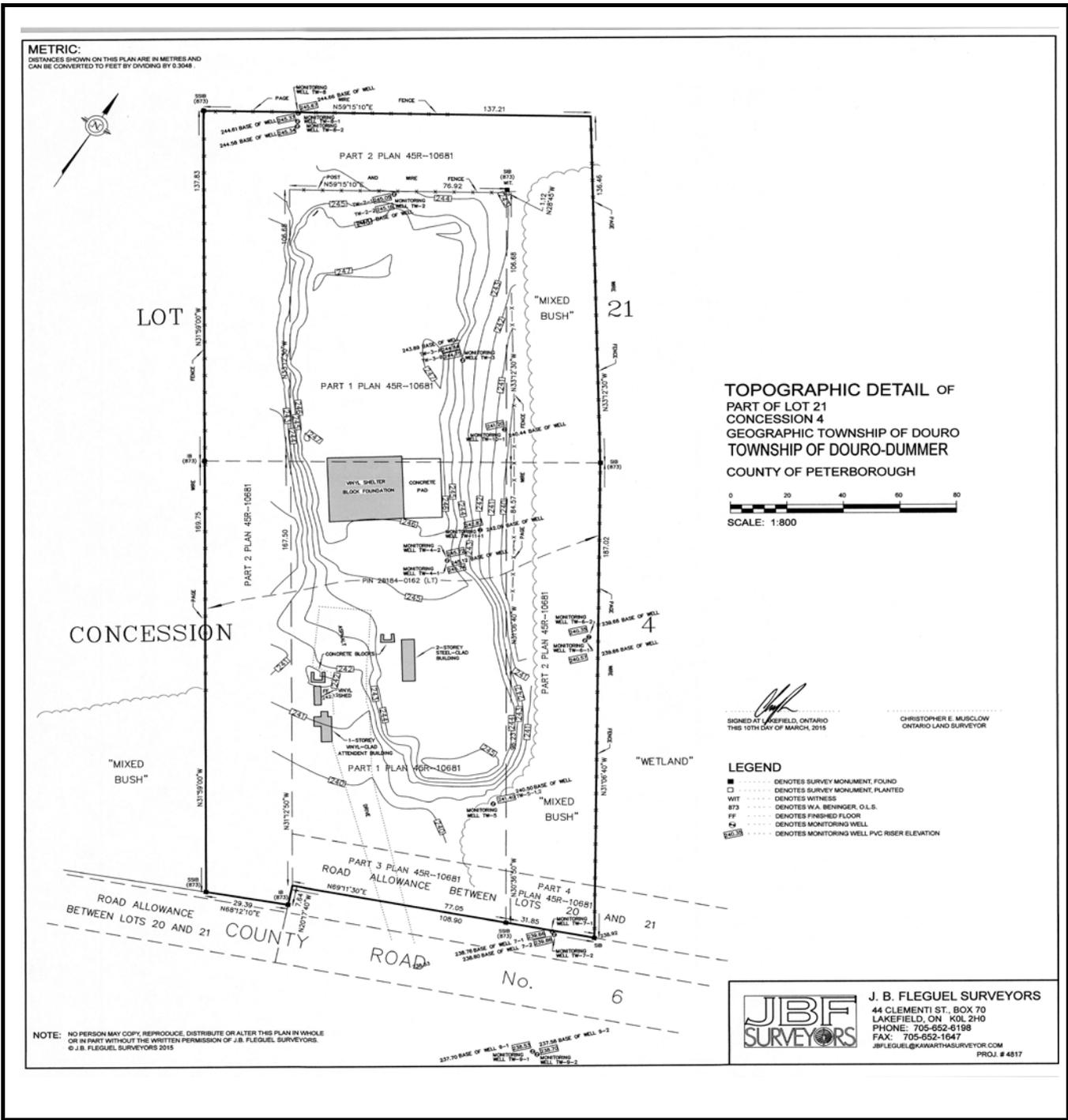
# Geologic Plan

# FIGURE 1



Source: Ministry of Natural Resources and Forestry. © Queen's Printer for Ontario, 2015. Note: Property boundary is not a legal survey.

<p><b>Scale:</b> See Scale Bar Coordinate System: NAD 1983 UTM Zone 17</p>			<p>Part Lot 21, Concession 4 Douro Township of Douro-Dummer, Ontario Stoney Lake Road Transfer Station</p> <p><b>Site Plan</b></p>	<p>11193449-01 March 2021</p> <p><b>FIGURE 2</b></p>
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Base map compiled from J.B. Fluegel Surveyors, 2015

**Scale:**  
Refer to Scale Bar  
Coordinate System  
NAD 1983 UTM

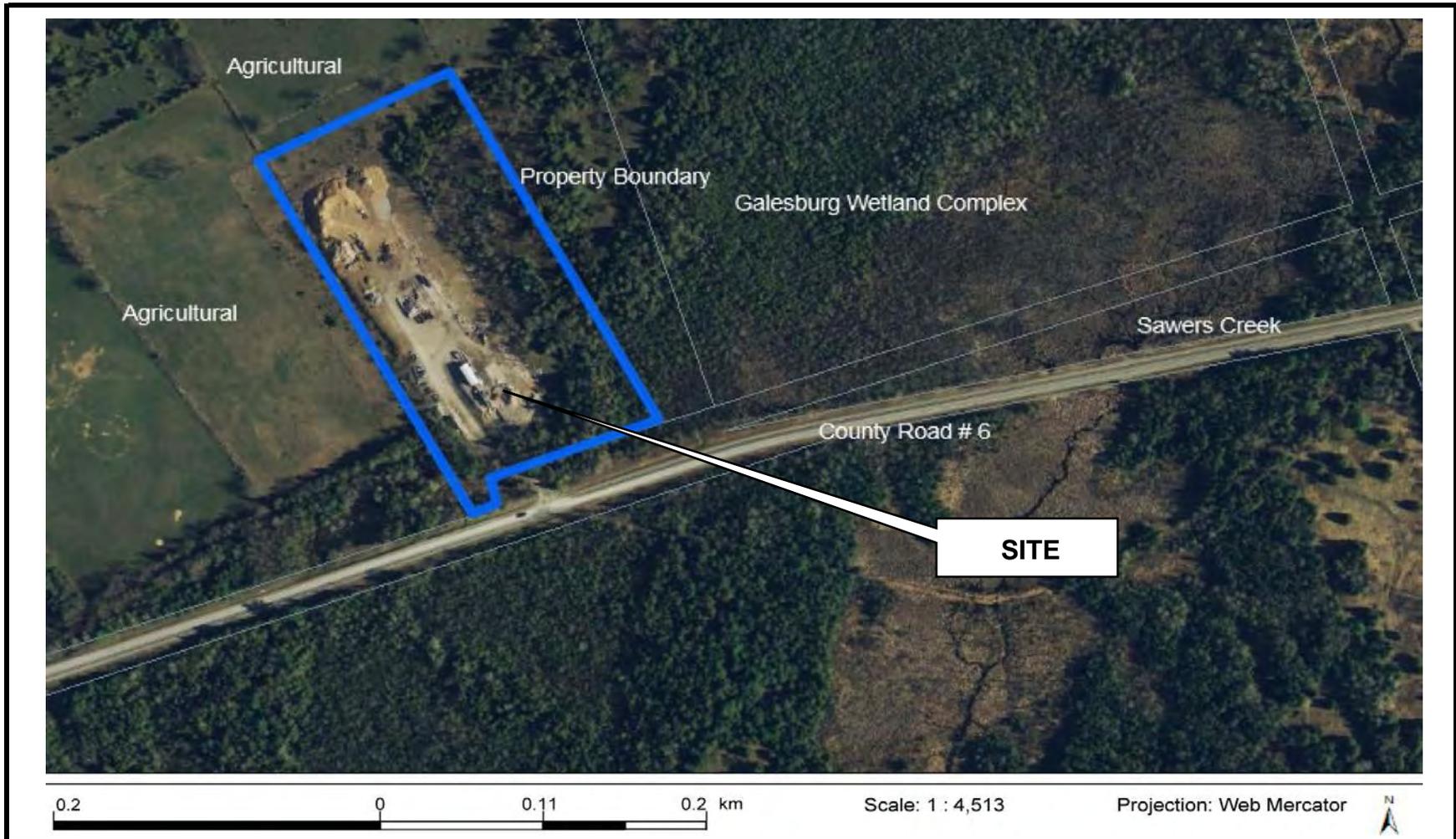


Stoney Lake Rd Transfer Station  
348 County Road #6  
Part Lot 21, Concession 4  
Township of Douro-Dummer

11212878-01  
March 2021

**Site Plan**

**FIGURE 3A**



Source: Ministry of Natural Resources and Forestry. © Queen's Printer for Ontario, 2015. Note: Property boundary is not a legal survey.

<p><b>Scale:</b> See Scale Bar Coordinate System: NAD 1983 UTM Zone 17</p>			<p>Part Lot 21, Concession 4 Douro Township of Douro-Dummer, Ontario Stoney Lake Road Transfer Station</p> <p><b>Property Boundary</b></p>	<p>11212878-01 March 2021</p> <p><b>FIGURE 3B</b></p>
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Ministry of the Environment and Climate Change  
Ministère de l'Environnement et de l'Action en matière de changement  
climatique

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER A340901

Issue Date: June 9, 2016

The Corporation of the Township of Douro-Dummer  
894 South St P.O. Box 92  
Warsaw, Ontario K0L 3A0

Site Location: Stoney Lake Road Landfill  
Lot 21, Concession 4  
Douro-Dummer Township, County of Peterborough

*You have applied under section 20.2 of Part II.1 of the Environmental Protection Act, R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:*

the use and operation of a 1.6 hectare site *Waste Disposal Site (landfill/processing/transfer)* within a total site area of 4.25 hectares.

*For the purpose of this environmental compliance approval, the following definitions apply:*

" *Approval* " means this Environmental Compliance Approval and any Schedules to it, including the application and supporting documentation listed in Schedule "A";

" *Clean Wood* " means waste that is wood or a wood product that is not contaminated with chromated copper arsenate, ammoniacal copper arsenic pentachlorophenol, creosote or other wood preservative.

" *Director* " means any *Ministry* employee appointed in writing by the Minister pursuant to section 5 of the EPA as a Director for the purposes of Part II.1 of the *EPA*;

" *District Manager* " means the District Manager of the local district office of the *Ministry* in which the *Site* is geographically located;

" *Dry Waste* " means *municipal waste*, limited to *clean wood*, concrete and masonry, bricks, cardboard, plaster and drywall, scrap metal, glass, plastic, shingles, ceramics and furniture from home and light commercial activity.

" *EPA* " means *Environmental Protection Act* , R.S.O. 1990, c. E. 19, as amended;

" *Ministry* " means the Ontario Ministry of the Environment and Climate Change;

" *Municipal Waste* " means the definition that is specified in Regulation 347 of the Environmental Protection Act.

" *NMA* " means *Nutrient Management Act* , 2002, S.O. 2002, c. 4, as amended;

" *Operator* " means any person, other than the *Owner's* employees, authorized by the *Owner* as

having the charge, management or control of any aspect of the *Site* and includes its successors or assigns;

" *Owner* " means any person that is responsible for the establishment or operation of the *Site* being approved by this *Approval*, and includes The Corporation of the Township of Douro-Dummer and its successors and assigns;

" *OWRA* " means the *Ontario Water Resources Act* , R.S.O. 1990, c. O.40, as amended;

" *PA* " means the *Pesticides Act* , R.S.O. 1990, c. P-11, as amended;

"*Provincial Officer*" means any person designated in writing by the Minister as a provincial officer pursuant to Section 5 of the *OWRA*, Section 5 of the *EPA*, Section 17 of the *PA*, Section 4 of the *NMA*, or Section 8 of the *SDWA*;

"*Putricible Waste*" means waste of vegetable or animal origin of a similar nature and characteristics, that is liable to become putrid, rotten or decayed;

" *Regional Director* " means the Regional Director of the local Regional Office of the *Ministry* in which the *Site* is located;

" *Regulation 347* " means Regulation 347, R.R.O. 1990, made under the *EPA*, as amended;

" *Regulation 903* " means Regulation 903, R.R.O. 1990, made under the *OWRA*, as amended;

" *Residual Waste* " means waste that is destined for final disposal;

" *SDWA* " means *Safe Drinking Water Act*, 2002, S.O. 2002, c. 32, as amended;

" *Site* " means the entire waste disposal site, including the buffer lands, and contaminant attenuation zone at Stoney Lake Road Landfill, Lot 21, Concession 4, Douro-Dummer Township, County of Peterborough;

"*Trained Personnel*" means any *operator* at the *Transfer Station* who is knowledgeable and able to carry out any necessary duties, in the following through instruction and practice;

- (i) relevant waste management legislation, regulations and guidelines;
- (ii) occupational health and safety concerns pertaining to the waste to be handled;
- (iii) any environmental concerns pertaining to the *Transfer Station* and wastes to be transferred;
- (iv) emergency management procedures for the waste to be handled;
- (v) use and operation of any equipment to be used;
- (vi) operation and management of the *Transfer Station*, or areas within the *Transfer Station*, as per the specific job requirements of each individual *operator*, and which include procedures for receiving, screening, refusal, and handling of waste;
- (vii) use of the Emergency Response Plan, and in the procedures to be employed in the event of an emergency;
- (viii) *Transfer Station* specific operations and/or procedures; and
- (ix) the requirements of this *Approval*; and

"*Transfer Station*" means the operation and infrastructure comprising the processing of *dry waste* and the transfer station described in Items 7, 9, 10, 11, 12 and 13 of Schedule "A".

*You are hereby notified that this environmental compliance approval is issued to you subject to the terms and conditions outlined below:*

## **TERMS AND CONDITIONS**

### **1. GENERAL**

#### **Compliance**

(1) The *Owner* and *Operator* shall ensure compliance with all the conditions of this *Approval* and shall ensure that any person authorized to carry out work on or operate any aspect of the *Site* is notified of this *Approval* and the conditions herein and shall take all reasonable measures to ensure any such person complies with the same.

(2) Any person authorized to carry out work on or operate any aspect of the *Site* shall comply with the conditions of this *Approval*.

#### **In Accordance**

(3) Except as otherwise provided by this *Approval*, the *Site* shall be designed, developed, built, operated and maintained in accordance with the documentation listed in the attached Schedule "A".

#### **Interpretation**

(4) Where there is a conflict between a provision of any document listed in Schedule "A" in this *Approval*, and the conditions of this *Approval*, the conditions in this *Approval* shall take precedence.

(5) Where there is a conflict between the application and a provision in any document listed in Schedule "A", the application shall take precedence, unless it is clear that the purpose of the document was to amend the application and that the *Ministry* approved the amendment.

(6) Where there is a conflict between any two documents listed in Schedule "A", the document bearing the most recent date shall take precedence.

(7) The conditions of this *Approval* are severable. If any condition of this *Approval*, or the application of any condition of this *Approval* to any circumstance, is held invalid or unenforceable, the application of such condition to other circumstances and the remainder of this *Approval* shall not be affected thereby.

#### **Other Legal Obligations**

(8) The issuance of, and compliance with, this *Approval* does not:

- (a) relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement; or
- (b) limit in any way the authority of the *Ministry* to require certain steps be taken or to require the *Owner* and *Operator* to furnish any further information related to compliance with this *Approval*.

#### **Adverse Effect**

(9) The *Owner* and *Operator* shall take steps to minimize and ameliorate any adverse effect on the natural environment or impairment of water quality resulting from the *Site*, including such accelerated or additional monitoring as may be necessary to determine the nature and extent of the effect or impairment.

(10) Despite an *Owner*, *Operator* or any other person fulfilling any obligations imposed by this *Approval* the person remains responsible for any contravention of any other condition of this *Approval* or any applicable statute, regulation, or other legal requirement resulting from any act or omission that caused the adverse effect to the natural environment or impairment of water quality.

### **Change of Ownership**

(11) The *Owner* shall notify the *Director*, in writing, and forward a copy of the notification to the *District Manager*, within 30 days of the occurrence of any changes in the following information:

- (a) the ownership of the *Site*;
- (b) the *Operator* of the *Site*;
- (c) the address of the *Owner* or *Operator*; and
- (d) the partners, where the *Owner* or *Operator* is or at any time becomes a partnership and a copy of the most recent declaration filed under the *Business Names Act*, R. S. O. 1990, c. B.17, shall be included in the notification.

(12) No portion of this *Site* shall be transferred or encumbered prior to or after closing of the *Site* unless the *Director* is notified in advance and sufficient financial assurance is deposited with the *Ministry* to ensure that these conditions will be carried out.

(13) In the event of any change in ownership of the *Site*, other than change to a successor municipality, the *Owner* shall notify the successor of and provide the successor with a copy of this *Approval*, and the *Owner* shall provide a copy of the notification to the *District Manager* and the *Director*.

### **Registration on Title Requirement**

(14) Prior to dealing with the property in any way, the *Owner* shall provide a copy of this *Approval* and any amendments, to any person who will acquire an interest in the property as a result of the dealing.

(15) (a) Within thirty (30) calendar days from the date of issuance of this *Approval*, the *Owner* shall submit to the *Director* a completed Certificate of Requirement which shall include:

- (i) a plan of survey prepared, signed and sealed by an Ontario Land Surveyor, which shows the area of the *Site* where waste has been or is to be deposited at the *Site*;
- (ii) proof of ownership of the *Site*;
- (iii) a letter signed by a member of the Law Society of Upper Canada or other qualified legal practitioner acceptable to the *Director*, verifying the legal description provided in the Certificate of Requirement;
- (iv) the legal abstract of the property; and
- (v) any supporting documents including a registerable description of the *Site*.

(b) Within fifteen (15) calendar days of receiving a Certificate of Requirement authorized by the *Director*, the *Owner* shall:

- (i) register the Certificate of Requirement in the appropriate Land Registry Office on the title to the property; and
- (ii) submit to the *Director* and the *District Manager*, written verification that the Certificate of Requirement has been registered on title.

## Inspections by the *Ministry*

(16) No person shall hinder or obstruct a *Provincial Officer* from carrying out any and all inspections authorized by the *OWRA*, the *EPA*, the *PA*, the *SDWA* or the *NMA*, of any place to which this *Approval* relates, and without limiting the foregoing:

- (a) to enter upon the premises where the approved works are located, or the location where the records required by the conditions of this *Approval* are kept;
- (b) to have access to, inspect, and copy any records required to be kept by the conditions of this *Approval*;
- (c) to inspect the *Site*, related equipment and appurtenances;
- (d) to inspect the practices, procedures, or operations required by the conditions of this *Approval*;
- and
- (e) to sample and monitor for the purposes of assessing compliance with the terms and conditions of this *Approval* or the *EPA*, the *OWRA*, the *PA*, the *SDWA* or the *NMA*.

## Information and Record Retention

(17) (a) Except as authorized in writing by the *Director*, all records required by this *Approval* shall be retained at the *Site* for a minimum of two (2) years from their date of creation.

- (b) The *Owner* shall retain all documentation listed in Schedule "A" for as long as this *Approval* is valid.
- (c) All monthly summary reports of waste records collected are to be kept at the *Site* until they are included in the Annual Report.
- (d) The *Owner* shall retain employee training records as long as the employee is working at the *Site*.
- (e) The *Owner* shall make all of the above documents available for inspection upon request of *Ministry* staff.

(18) The receipt of any information by the *Ministry* or the failure of the *Ministry* to prosecute any person or to require any person to take any action under this *Approval* or under any statute, regulation or other legal requirement, in relation to the information, shall not be construed as:

- (a) an approval, waiver, or justification by the *Ministry* of any act or omission of any person that contravenes any term or condition of this *Approval* or any statute, regulation or other legal requirement; or
- (b) acceptance by the *Ministry* of the information's completeness or accuracy.

(19) The *Owner* shall ensure that a copy of this *Approval*, in its entirety and including all its Notices of Amendment, and documentation listed in Schedule "A", are retained at the *Site* at all times.

(20) Any information related to this *Approval* and contained in *Ministry* files may be made available to the public in accordance with the provisions of the Freedom of Information and Protection of Privacy Act, RSO 1990, CF-31.

## 2. SITE OPERATION

### Operation

(1) The *Site* shall be operated and maintained at all times including management and disposal of all

waste, in accordance with the *EPA, Regulation 347*, and the conditions of this *Approval*. At no time shall the discharge of a contaminant that causes or is likely to cause an adverse effect be permitted.

## **Signage**

(2) A sign shall be posted and maintained at the *Transfer Station* in a manner that is clear and legible, and shall include the following information:

- (a) the name of the *Transfer Station* and *Owner*;
- (b) this *Approval* number;
- (c) the name of the *Operator*;
- (d) the normal hours of operation;
- (e) the allowable and prohibited waste types;
- (f) a telephone number to which complaints may be directed;
- (g) a twenty-four (24) hour emergency telephone number (if different from above); and
- (h) a warning against dumping outside the *Transfer Station*.

(3) The *Owner* shall install and maintain signs to direct vehicles to appropriate areas.

(4) All waste storage containers at the *Transfer Station* shall have a label or sign clearly identifying the contents.

## **Vermin, Vectors, Dust, Litter, Odour, Noise and Traffic**

(5) The *Site* shall be operated and maintained such that the vermin, vectors, dust, litter, odour, noise and traffic do not create a nuisance.

(6) If at any time noise and vibration nuisances are generated at the *Transfer Station*, resulting in complaints received by this *Ministry* and validated by a Provincial Officer, the *Owner* shall take remedial action immediately.

## **Burning Waste Prohibited**

(7) Burning of waste at the *Site* is prohibited.

## **Hours of Operation**

(8) (a) Waste may be accepted at the *Transfer Station* between the hours of 7:00 a.m. and 5:00 p.m., Monday through Friday, except statutory holidays.

- (b) Notwithstanding condition 2(7)(a) above, operation of grinding equipment and sorting machine shall not be carried out from 7 a.m. to 8 a.m.

(9) With the prior written approval of the *District Manager*, the time periods may be extended to accommodate seasonal or unusual quantities of waste.

## **Site Security**

(10) No waste shall be received, processed or removed from the *Site* unless a site supervisor or an attendant is present and supervises the operations during operating hours. The *Site* shall be closed when a site attendant is not present to supervise landfilling operations.

(11) The *Transfer Station* shall be operated and maintained in a safe and secure manner. During non-operating hours, the *Site* entrance and exit gates shall be locked and the *Site* shall be secured against access by unauthorized persons.

(12) If the introduction of waste containing *Putricible Waste* leads to attracting bears, the *Owner* shall take actions to bear proof the *Site* or discontinue accepting such waste.

### **3. EMPLOYEE/OPERATOR TRAINING**

(1) A training plan for all employees that operate any aspect of the *Transfer Station* shall be developed and implemented by the *Owner* or the *Operator*.

(2) The *Owner* shall ensure that *Trained personnel* are available at all times during the hours of operation of this *Transfer Station*. *Trained personnel* shall supervise all transfer or processing of waste material at the *Transfer Station*.

(3) The *Owner* shall maintain a written or electronic record at the *Transfer Station* of training that was provided including:

- (i) date of training;
- (ii) name and signature of person who has been trained; and
- (iii) description of the training provided and who it was delivered by.

(4) Training records shall be made available to a *Provincial Officer* upon request.

### **4. COMPLAINTS RESPONSE PROCEDURE**

(1) If at any time, the *Owner* receives complaints regarding the operation of the *Transfer Station*, the *Owner* shall respond to these complaints according to the following procedure:

(a) The *Owner* shall record and number each complaint, either electronically or in a separate log book, along with the following information:

- (i) the nature of the complaint;
- (ii) if the complaint is odour or nuisance related, the weather conditions and wind direction at the time of the complaint;
- (iii) the name, address and telephone number of the complainant (if provided); and
- (iv) the time and date of the complaint;

(b) The *Owner*, upon notification of the complaint, shall initiate appropriate steps to determine all possible causes of the complaint, proceed to take the necessary actions to eliminate the cause of the complaint, notify the *District Manager* of the complaint within 48 hours of receiving the complaint, and forward a formal reply to the complainant; and

(c) The *Owner* shall complete and retain on-site a report written within one (1) week of the complaint date, listing the actions taken to resolve the complaint and any recommendations for remedial measures, and managerial or operational changes to reasonably avoid the recurrence of

similar incidents.

## 5. EMERGENCY RESPONSE PLAN

- (1) The Emergency Response Plan in the Design and Operations Report shall be implemented as required. The *Owner* shall provide copies of the Emergency Response Plan to the local Municipality and to the Fire Department within thirty (30) days of the date of issuance of this *Approval*.
- (2) The Emergency Response Plan shall be kept up to date, and a copy shall be retained and accessible to all staff at all times. Changes to the Emergency Response Plan shall be submitted to the *Director* for approval.
- (3) The equipment, materials and personnel requirements outlined in the Emergency Response Plan shall be immediately available on the *Transfer Station* at all times. The equipment shall be kept in a good state of repair and in a fully operational condition.
- (4) All staff that operate *the Transfer Station* shall be fully trained in the use of the contingency and Emergency Response Plan, and in the procedures to be employed in the event of an emergency.
- (5) The *Owner* shall immediately take all measures necessary to contain and clean up any spill or leak which may result from the operation of this *Transfer Station* and immediately implement the emergency response plan if required.

## 6. INSPECTIONS, RECORD KEEPING AND REPORTING

- (1) Any information requested, by the *Director* or a *Provincial Officer*, concerning the *Site* and its operation under this *Approval*, including but not limited to any records required to be kept by this *Approval* shall be provided to the *Ministry*, upon request. **Waste Records**
- (2) A log shall be maintained, either electronically or in written format, and shall include the following information as a minimum:
  - (a) the date;
  - (b) quantity and source of waste received;
  - (c) quantity of waste at the *Transfer Station* at the end of the operating week;
  - (d) quantities and destination of each type of waste shipped from the *Transfer Station*;
  - (e) a record of inspections required by this *Approval*;
  - (f) a record of any spills or process upsets at the site, the nature of the spill or process upset and the action taken for the clean up or correction of the spill, the time and date of the spill or process upset, and for spills, the time that the *Ministry* and other persons were notified of the spill in fulfilment of the reporting requirements in the *EPA*;
  - (g) a record of any waste refusals which shall include; amounts, reasons for refusal and actions taken; and
  - (h) the signature of the *Trained Personnel* conducting the inspection and completing the report.

### Inspection - *Transfer Station*

- (3) An inspection of the entire *Transfer Station* and all equipment on the *Transfer Station* shall be conducted each week the *Transfer Station* is in operation to ensure that: the *Transfer Station* is

secure; that the operation of the *Transfer Station* is not causing any nuisances; that the operation of the *Transfer Station* is not causing any adverse effects on the environment; and that *the Transfer Station* is being operated in compliance with this *Approval*. Any deficiencies discovered as a result of the inspection shall be remedied immediately, including temporarily ceasing operations at the *Transfer Station* if needed.

### **Inspections - Site**

(4) The *Owner* shall inspect the *Site* for the following during the environmental monitoring time and after major storm events:

(a) a visual inspection of

- (i) integrity of the landfill cover;
- (ii) buffer area and adjacent properties;
- (iii) entrance gate and perimeter fencing;
- (iv) monitoring wells; and
- (v) storm water system;

(b) visual scan for evidence of leachate breakout/seepage; and

(c) litter pick-up.

### **Log Book**

(5) A record of the inspections, including the following information, shall be kept in the weekly log book:

(a) the name and signature of person that conducted the inspection;

(b) the date and time of the inspection;

(c) a list of any deficiencies discovered;

(d) any recommendations for remedial action; and

(e) the date, time and description of actions taken.

(6) A record shall be kept in the daily log book of all refusals of waste shipments, the reason(s) for refusal, and the origin of the waste, if known.

### **Annual Report**

(7) A written report on the development, operation and monitoring of the *Site*, shall be completed annually (the "Annual Report"). The Annual Report shall be submitted to the *District Manager*, by March 31st of the year following the period being reported upon.

(8) The Annual Report shall include but not be limited to the following information:

(a) a drawing(s) of the Landfill indicating all landfill gas, groundwater and surface water monitoring locations;

(b) tables outlining monitoring locations, analytical parameters sampled and the frequency of sampling and measurements;

(c) an analysis and interpretation of the groundwater and surface water monitoring data, a review of the adequacy of the monitoring programs, conclusions of the monitoring data, and recommendations for any changes in monitoring programs that may be necessary;

(d) an assessment of surface water quality in respect to the PWQO;

- (e) an assessment of groundwater quality in relation to the Guideline and the Ontario Drinking Water Standard;
- (f) Landfill gas monitoring data;
- (g) a detailed monthly summary of the type and quantity of all incoming (including the source of the waste) and outgoing wastes at the *Transfer Station* and the destination of all outgoing wastes;
- (h) any environmental and operational problems, that could negatively impact the environment, encountered during the operation of the *Transfer Station* and during the facility inspections and any mitigative actions taken;
- (i) any changes to the Emergency Response Plan, the Design, Operations and Maintenance Report and the Closure Plan that have been approved by the *Director* since the last Annual Report; and
- (j) any recommendations to minimize environmental impacts from the operation of the *Transfer Station* and to improve *Transfer Station* operations and monitoring programs in this regard.

## 7. TRANSFER STATION DESIGN AND OPERATION

### Approved Waste Types

- (1) (a) Only *dry waste* shall be accepted at the *Transfer Station* for processing.
  - (b) The *Owner* may accept Municipal Solid Non-Hazardous waste from Industrial, commercial and Institutions and residential apartment buildings for transfer. This waste shall only be unloaded onto a pad within the covered receiving building.
  - (c) An asphalt or concrete pad with concrete retaining walls shall be constructed for waste received as in condition 7 (1) (b), residual waste and cover material. The *Owner* may increase this area as necessary to operate the *Site* in an environmentally acceptable and safe manner as long as other approved activities are not compromised.
- (2) All incoming and outgoing wastes shall be inspected by *Trained personnel* prior to being received, transferred and/or shipped to ensure wastes are being managed and disposed of in accordance with this *Approval*, the *EPA* and *Reg. 347*.
- (3) The *Owner* shall ensure that all loads of waste are properly inspected by *Trained personnel* prior to acceptance at the *Site* and that the waste vehicles are directed to the appropriate areas for disposal or transfer of the waste. In the event that any waste load is refused, a record shall be made in the daily log book of the reason the waste was refused and the origin of the waste, if known.

### Service Area

- (4) Only waste that is generated within the boundaries of the County of Northumberland, the County of Peterborough, the City of Kawartha Lakes, the Regional Municipality of Durham, the County of Haliburton and the County of Hastings may be accepted at the *Transfer Station*.

### Capacity

- (5) No more than 800 tonnes of *dry waste* per day shall be accepted at the *Transfer Station*.
- (6) No more than 1,700 tonnes (6400 cubic meters) of *dry waste*, residual waste and processed materials, shall be stored or be present at the *Transfer Station* at any time. If for any reason waste and processed materials cannot be transferred from the *Transfer Station*, the *Transfer Station* shall

cease accepting waste.

(7) The total amount of *Residual Waste* arising out of the processing operations and ICI waste received and leaving the *Transfer Station* for final disposal shall not exceed 300 tonnes per day.

### **Shredding and Grinding**

(8) Grinding at the *Transfer Station* is restricted to grinding shingles and *clean wood*.

(9) The *Owner* shall obtain an Environmental Compliance Approval for the grinding operation for the activities under Section 9 of the *EPA* (Air and Noise) .

### **Residual Waste**

(10) (a) The total amount of *Residual Waste* arising out of the processing operations and leaving the *Transfer Station* for final disposal shall not exceed 300 tonnes per day.

(b) *Residual Waste* at the *Transfer Station* shall be stored **within the receiving building**.

(c) *Residual waste* shall be moved off-site from the *Transfer Station* within fourteen (14) days of its receipt.

(d) If *residual waste* contains putrescible waste, it shall be moved off-site from the *Transfer Station* within 72 hours of its receipt. If any adverse effects occur as a result of the presence of putrescible waste, the waste must be removed from the *Transfer Station* immediately.

### **Waste Diversion**

(11) The *Owner* may remove material as necessary to improve waste diversion (e.g. wood, metal, cardboard etc.) from waste received under the condition 7 (1)(b).

### **Design, Operation and Maintenance Report**

(12) The Design, Operation and Maintenance of the *Transfer Station* shall be in accordance with the documents in Schedule "A".

(13) The Design, Operations and Maintenance Report shall be retained at the *Site*, kept up to date through periodic revisions, and made available for inspection by *Ministry* staff. Changes to the Design, Operations and Maintenance Report shall be submitted to the *Director* for approval.

## **8. LANDFILL MONITORING**

### **Compliance - Landfill Gas**

(1) The *Site* shall be operated in such a way as to ensure compliance with the following:

(a) The concentration of methane gas below the surface of the land at the boundary of the site must be less than 2.5 per cent by volume;

(b) The concentration of methane gas must be less than 1.0 per cent by volume in any on-site building or enclosed structure, and in the area immediately outside the foundation or basement floor of the building or structure, if the building or structure is accessible to any person or contains electrical equipment or a potential source of ignition; and

(c) The concentration of methane gas from the site must be less than 0.05 per cent by volume in any off-site building or enclosed structure, and in the area immediately outside the foundation or basement floor of the building or structure, if the building or structure is accessible to any person or contains electrical equipment or a potential source of ignition.

### **Compliance - Surface Water and Groundwater**

(2) The *Site* shall be operated in such a way as to ensure compliance with the following:

(a) Reasonable Use Guideline B-7 for the protection of the groundwater at the *Site*; and

(b) Provincial Water Quality Objectives included in the July 1994 publication entitled *Water Management Policies, Guidelines, Provincial Water Quality Objectives*, as amended from time to time or limits set by the *Regional Director*, for the protection of the surface water at and off the *Site*.

### **Landfill Gas**

(3) The *Owner* shall ensure that any buildings or structures at the *Site* contain adequate ventilation systems to relieve any possible landfill gas accumulation to prevent methane concentration reaching the levels within its explosive range. Routine monitoring for explosive methane gas levels shall be conducted in all buildings or structures at the *Site*, especially enclosed structures which at times are occupied by people.

(4) The *Owner* shall ensure that all on-Site enclosed buildings are equipped with appropriate dedicated gas monitoring devices.

(5) The *Owner* shall monitor landfill gas according to the environmental monitoring program outlined in Schedule "B".

### **Surface Water and Groundwater**

(6) The *Owner* shall monitor surface water and ground water in accordance with the monitoring programs outlined in Schedule "B".

(7) A certified Professional Geoscientist or Engineer possessing appropriate hydrogeologic training and experience shall execute or directly supervise the execution of the groundwater monitoring and reporting program.

### **Groundwater Wells and Monitors**

(8) The *Owner* shall ensure that all groundwater monitoring wells which form part of the monitoring program are properly capped, locked and protected from damage.

(9) Any groundwater monitoring well included in the on-going monitoring program that is damaged

shall be assessed, repaired, replaced or decommissioned by the *Owner*, as required.

(10) The *Owner* shall repair or replace any monitoring well which is destroyed or in any way made to be inoperable for sampling such that no more than one regular sampling event is missed.

(11) All monitoring wells which are no longer required as part of the groundwater monitoring program, and have been approved by the *Director* for abandonment, shall be decommissioned by the *Owner*, as required, in accordance with *O.Reg. 903*, to prevent contamination through the abandoned well. A report on the decommissioning of the well shall be included in the Annual Report for the period during which the well was decommissioned.

### **Trigger Mechanisms and Contingency Plans**

(12) (a) Trigger mechanisms shall be in accordance with Schedule "C".

(b) Contingency plan in the event of a confirmed exceedance of a site-specific trigger level relating to leachate mounding or groundwater or surface water impacts due to leachate shall be in accordance with Schedule "C".

(13) In the event of a confirmed exceedance of a site-specific trigger level relating to leachate mounding or groundwater or surface water impacts due to leachate, the *Owner* shall immediately notify the *District Manager*, and an investigation into the cause and the need for implementation of remedial or contingency actions shall be carried out by the *Owner* in accordance with the approved trigger mechanisms and associated contingency plans.

(14) If monitoring results, investigative activities and/or trigger mechanisms indicate the need to implement contingency measures, the *Owner* shall ensure that the following steps are taken:

- (a) The *Owner* shall notify the *District Manager*, in writing of the need to implement contingency measures, no later than 30 days after confirmation of the exceedances;
- (b) Detailed plans, specifications and descriptions for the design, operation and maintenance of the contingency measures shall be prepared and submitted by the *Owner* to the *Director* for approval; and
- (c) The contingency measures shall be implemented by the *Owner* upon approval by the *Director*.

(15) The *Owner* shall ensure that any proposed changes to the site-specific trigger levels for leachate impacts to the surface water or groundwater, are approved in advance by the *Director* via an amendment to this *Approval*.

### **Changes to the Monitoring Plan**

(16) The *Owner* may request to make changes to the monitoring program(s) to the *District Manager* in accordance with the recommendations of the annual report. The *Owner* shall make clear reference to the proposed changes in a separate letter that shall accompany the annual report.

(17) Within fourteen (14) days of receiving the written correspondence from the *District Manager* confirming that the *District Manager* is in agreement with the proposed changes to the environmental monitoring program, the *Owner* shall forward a letter identifying the proposed changes and a copy of the correspondences from the *District Manager* and all other correspondences and responses related to the changes to the monitoring program, to the *Director* requesting the *Approval* be amended to approve the proposed changes to the environmental monitoring plan prior to implementation.

(18) In the event any other changes to the environmental monitoring program are proposed outside of

the recommendation of the annual report, the *Owner* shall follow current *Ministry* procedures for seeking approval for amending the *Approval*.

## **9. CLOSURE PLAN**

### **Closure Plan-Landfill**

(1) Except as otherwise provided by these conditions, the *Site* shall be closed in accordance with the report titled "Closure Plan, Stoney Lake Road (North) Waste Disposal Site, prepared by Lakefield Research Limited, dated September 2000".

(2) This landfill has been closed for disposal of waste since July 31, 2001 and no waste shall be accepted for disposal at the *Site*.

### **Closure Plan-Transfer Station**

(3) A Closure Plan shall be submitted to the *Director* for approval, with a copy to the *District Manager*, no later than six (6) months before the planned closure date of the *Transfer Station*. The Closure Plan shall include, at a minimum, a description of the work that will be done to facilitate closure of the *Transfer Station* and a schedule for completion of that work.

(4) The *Transfer Station* shall be closed in accordance with the approved Closure Plan.

(5) Within 10 days after closure of the *Transfer Station*, the *Owner* shall notify the *Director*, in writing, that the *Transfer Station* is closed and that the approved Closure Plan has been implemented.

### **SCHEDULE "A"**

1. Application for a Provisional Certificate of Approval for a Waste Disposal Site signed by Mr. David Clifford, C.A.O. Clerk-Treasurer, Township of Douro-Dummer, dated April 07, 2002.

2. Closure Plan, Stoney Lake Road (North) Waste Disposal Site, prepared by Lakefield Research Limited, dated September 2000.

3. Township of Douro-Dummer, Report Addendum, prepared by Lakefield Research Limited, dated March 31, 2003.

4. Transfer/Deed of Land for Part of Lot 21, Concession 4, designated as Parts 1 & 2, Plan 45R-10681, dated February 27, 1996.

5. Memo from B.W. Metcalf, MOE, Water Resources Unit - Surface Water, Technical Support Section, Eastern Region, Re: Closure Plan review comments, dated March 19, 2001.

6. Memo from S. Ryan, MOE, Technical Support Section, Eastern Region, Re: Closure Plan review comments, dated June 13, 2001.

7. Application for a Provisional Certificate of Approval for a Waste Disposal Site dated February 14, 2007, and signed by David Clifford, C.A.O., including the attached report entitled "Stoney Lake Road Landfill Site Transfer Station: Design, Operations and Maintenance Report" and all supporting documentation.

8. Fax dated May 8, 2007 from Mike Mundell, M & M Disposal Service, to Andrew Neill, MOE, with an alternate disposal location.

9. Application for a Provisional Certificate of Approval for a Waste Disposal Site dated November 20, 2007, and signed by David Clifford, C.A.O., including the attached report entitled "Stoney Lake Road Transfer Station and Waste Processing Site. Design, Operations and Maintenance Report. November 2007."

10. e-mails from Kelly Dechert, Manager, Environmental Management Group Totten Sims Hubicki Associates to Senior Review Engineer Jim Chisholm dated December 12, 2007, January 4, 2008, January 10, 2008 (4:04pm) with attachment, January 18, 2008, and Feb. 4, 2008 (4:34pm).

11. e-mails from Senior Review Engineer Jim Chisholm to Kelly Dechert dated January 3, 2008, January 4, 2008 (2:33pm), January 10, 2008, January 11, 2008, January 18, 2008 (2:58pm), January 30, 2008 and Feb. 4, 2008 (4:17pm).

12. Letters signed by Kelly Dechert addressed to Senior Review Engineer Jim Chisholm dated December 12, 2007, January 3, 2008, January 15, 2008 and January 28, 2008.

13. Letter dated January 8, 2008 from Senior Review Engineer Jim Chisholm to David Clifford, C.A.O., the Corporation of the Township of Douro-Dummer.

14. Application for an Approval for a Waste Disposal Site signed by David Clifford, The Township of Douro-Dummer, dated September 28, 2011.

15. E-mail dated February 1, 2013 from Steven Gagne, Geo-Logic Inc. to Roman Lysiak, MOE with attached updated Design and Operations report dated January 2013, to address storm water and to include the addition of ICI waste.

16. Environmental Compliance Approval Application dated June 18, 2014 and signed David Clifford, CAO  
The Corporation of the Township of Douro-Dummer, including the attached report titled "Stoney Lake Road Landfill Site Transfer Station, Processing Site. Design, Operations and Maintenance Report" dated May 2014.

17. Letter dated March 3, 2016 from Steven Gagne, Geo-Logic Inc. to Ranjani Munasinghe, P.Eng., MOECC.

18. Electronic mail dated April 06, 2016 (12:31 p.m.) from Steven Gagne, Geo-Logic Inc. to Ranjani Munasinghe, P.Eng., MOECC.

**Schedule "B"**  
**Groundwater Monitoring Program**

Sampling Location	Parameters	Frequency
Short Suite Monitoring Wells: TW-2-1, TW-3-1, TW-4-1, TW-5-1,	water level, alkalinity, ammonia, barium, boron, calcium, chloride, conductivity, iron, magnesium, nitrate, pH, sodium, suspended solids (leachate only), Total Dissolved Solids, sulphate, Biochemical Oxygen Demand (leachate only), Chemical Oxygen Demand, Dissolved Organic Carbon, manganese <b>Field Parameters:</b> pH, conductivity	semi-annual basis (spring and fall)
Extended Suite Monitoring	water level, alkalinity, ammonia, arsenic,	semi-annual basis (spring

Wells: TW-1-2, TW-2-2, TW-3-2, TW-4-2, TW-5-2, TW-10-2, TW-11-2	barium, boron, cadmium, chloride, chromium, conductivity, copper, iron, lead, mercury, nitrate, nitrite, TKN, pH, total phosphorus, suspended solids (leachate only), Total Dissolved Solids, sulphate, zinc, Biochemical Oxygen Demand (leachate only), Chemical Oxygen Demand, Phenol, manganese <b>Field Parameters:</b> temperature, pH, conductivity, Dissolved Oxygen, flow	and fall)
TW-6-2, TW-7-2, TW-8-2, TW-9-2,	water level, alkalinity, ammonia, arsenic, barium, boron, cadmium, calcium, chloride, chromium, conductivity, copper, iron, lead, magnesium, manganese, mercury, nitrate, nitrite, TKN, pH, total phosphorus, potassium, sodium, suspended solids (leachate only), Total Dissolved Solids, sulphate, zinc, benzene, 1,4 dichlorobenzene, dichloromethane, toluene, vinyl chloride, Biochemical Oxygen Demand (leachate only), Chemical Oxygen Demand, dissolved oxygen carbon, Phenol <b>Field Parameters:</b> pH, conductivity	semi-annual basis (spring and fall)
VOC Monitoring Wells: TW2-2, TW6-2	In addition to the above noted parameters, these wells will also be analyzed for VOCs	semi-annual basis (spring and fall)

### Surface Water Monitoring Program

Sampling Location	Parameters	Frequency
SW1, SW3, SW4, SW8	water level, alkalinity, ammonia, arsenic, barium, boron, cadmium, chloride, chromium, conductivity, copper, iron, lead, mercury, nitrate, nitrite, TKN, pH, total phosphorus, suspended solids (leachate only), Total Dissolved Solids, sulphate, zinc, Biochemical Oxygen Demand (leachate only), Chemical Oxygen Demand, Phenol, manganese <b>Field Parameters:</b> temperature, pH, conductivity, Dissolved Oxygen, flow	three times per year (spring run-off, low flow period and late fall flow period)

### Landfill Gas Monitoring

Sampling Location	Parameters	Frequency
TW-1, TW-2, TW-3, TW-4, TW-5, GP-1, GP-2	methane	semi-annually concurrent with groundwater sampling

## **Schedule "C"**

### **Trigger Mechanism and Contingency Plan**

#### **Tier I - "Alert"**

If the downstream concentration of any of the defined trigger mechanism parameters exceeds the 75th percentile of the upstream results in a given sampling year, then the trigger is activated. If the exceedance occurs three sampling events in a row, then Tier II is activated.

#### **Tier II - "Confirmation"**

Sampling shall be conducted on a monthly basis for three (3) months. If the exceedance is confirmed, the *Owner* shall initiate discussion with the MOE to define the optimum course of remedial action with six (6) months of the activation of the Tier II trigger.

#### **Tier II - "Compliance"**

Implementation of the remedial actions as agreed upon with the MOECC.

*The reasons for the imposition of these terms and conditions are as follows:*

#### **GENERAL**

- The reason for Conditions 1(1), (2), (4), (5), (6), (7), (8), (9), (10), (17), (18) and (19) is to clarify the legal rights and responsibilities of the *Owner* and *Operator* under this *Approval*.
- The reasons for Condition 1(3) are to ensure that the *Site* is designed, operated, monitored and maintained in accordance with the application and supporting documentation submitted by the *Owner*, and not in a manner which the *Director* has not been asked to consider.
- The reasons for Condition 1(11) are to ensure that the *Site* is operated under the corporate name which appears on the application form submitted for this *approval* and to ensure that the *Director* is informed of any changes.
- The reasons for Condition 1(12) are to restrict potential transfer or encumbrance of the *Site* without the approval of the *Director* and to ensure that any transfer of encumbrance can be made only on the basis that it will not endanger compliance with this *Approval*.
- The reason for Condition 1(13) is to ensure that the successor is aware of its legal responsibilities.
- The reasons for Condition 1(14) and (15) are that the Part II.1 *Director* is an individual with authority pursuant to Section 197 of the Environmental Protection Act to require registration on title and provide any person with an interest in property before dealing with the property in any way to give a copy of the *Approval* to any person who will acquire an interest in the property as a result of the dealing.
- The reason for Condition 1(16) is to ensure that appropriate Ministry staff has ready access to the *Site* for inspection of facilities, equipment, practices and operations required by the conditions in this *Approval*. This Condition is supplementary to the powers of entry afforded a Provincial Officer pursuant to the *Act*, the *OWRA*, the *PA*, the *NMA* and the *SDWA*.
- Condition 1 (20) has been included in order to clarify what information may be subject to the

## **SITE OPERATION**

- The reasons for Conditions 2(1), 2(5) and 2(6) are to ensure that the *Site* is operated, inspected and maintained in an environmentally acceptable manner and does not result in a hazard or nuisance to the natural environment or any person.
- The reason for Conditions 2 (2), 2(3) and 2(4) is to ensure that users of the *Site* are fully aware of important information and restrictions related to *Site* operations and access under this *Approval*.
- The reasons for Condition 2(7) are open burning of municipal waste is unacceptable because of concerns with air emissions, smoke and other nuisance effects.
- The reasons for Condition 2(8) and 2(9) are to specify the hours of operation for the landfill site and a mechanism for amendment of the hours of operation, as required.
- The reasons for Condition 2(10) are to ensure that the *Site* is supervised by properly trained staff in a manner which does not result in a hazard or nuisance to the natural environment or any person and to ensure the controlled access and integrity of the *Site* by preventing unauthorized access when the *Site* is closed and no site attendant is on duty.
- The reason for conditions 2(11) and 2 (12) is to ensure the *Site* is operated in a manner ensuring the public safety.

## **EMPLOYEE TRAINING**

- The reason for Condition 3 is to ensure that the *Site* is supervised and operated by properly trained staff in a manner which does not result in a hazard or nuisance to the natural environment or any person.

## **COMPLAINTS RESPONSE PROCEDURE**

- The reason for Condition 4 is to ensure that any complaints regarding landfill operations at this *Site* are responded to in a timely and efficient manner.

## **EMERGENCY RESPONSE**

- Condition 5 is included to ensure that emergency situations are handled in a manner to minimize the likelihood of an adverse effect and to ensure public health and safety and environmental protection.

## **RECORD KEEPING AND REPORTING**

- The reason for Conditions 6(1) and 6(2) is to ensure that accurate waste records are maintained to ensure compliance with the conditions in this *Approval* (such as storage capacity, record keeping, annual reporting, and financial assurance requirements), the *EPA* and its regulations.
- The reasons for Conditions 6(3), 6(4), 6(5) and 6(6) are to ensure that routine Transfer Station inspections are completed, and that detailed records of Transfer Station inspections are recorded and maintained for inspection and information purposes.
- The reasons for Conditions 6(7) and 6(8) are to ensure that regular review of site development, operations and monitoring data is documented and any possible improvements to site design, operations or monitoring programs are identified. An annual report is an important tool used in

reviewing site activities and for determining the effectiveness of site design.

## **TRANSFER STATION DESIGN AND OPERATION**

- The reason for Conditions 7(1) to 7(5) and 7 (7) is to specify the approved areas from which waste may be accepted at the *Site* and the types and amounts of waste that may be accepted at the *Site* for processing and transfer, based on the *Owner's* application and supporting documentation.
- The reason for Condition 7(6) is to specify the amount of waste and processed material that may be stored at the *Transfer Station*.
- The reason for Conditions 7(8) to 7(13) inclusive is to ensure that the *Transfer Station* is operated in a manner which does not result in a nuisance or a hazard to the health and safety of the environment or people.

## **LANDFILL MONITORING**

- Condition 8 (1) is included to provide landfill gas limits to protect the health and safety of the public.
- Condition 8 (2) is included to provide groundwater and surface water limits to prevent water pollution at the *Site*.
- Reasons for Conditions 8(3), 8(4) and 8(5) are to ensure that off-site migration of landfill gas is monitored and all buildings at the *Site* are free of any landfill gas accumulation, which due to a methane gas component may be explosive and thus create a danger to any persons at the *Site*.
- Conditions 8(6) and 8(7) are included to require the Owner to demonstrate that the *Site* is performing as designed and the impacts on the natural environment are acceptable. Regular monitoring allows for the analysis of trends over time and ensures that there is an early warning of potential problems so that any necessary remedial/contingency action can be taken.
- Conditions 8(8), 8(9), 8(10) and 8(11) are included to ensure the integrity of the groundwater monitoring network so that accurate monitoring results are achieved and the natural environment is protected.
- Conditions 8(12) to 8(15) inclusive are added to ensure the *Owner* has a plan with an organized set of procedures for identifying and responding to potential issues relating to groundwater and surface water contamination at the *Site's* compliance point.
- Conditions 8(16), 8(17) and 8(18) are included to streamline the approval of the changes to the monitoring plan.

## **CLOSURE PLAN**

- The reasons for Condition 9 are to ensure that final closure of the *Site* is completed in an aesthetically pleasing manner, in accordance with Ministry standards, and to ensure the long-term protection of the health and safety of the public and the environment.

**Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). A340901 issued on September 11, 2003 and associated notices of amendment.**

*In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a*

hearing by the Tribunal. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:

1. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

*Pursuant to subsection 139(3) of the Environmental Protection Act, a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.*

*The Notice should also include:*

3. The name of the appellant;
4. The address of the appellant;
5. The environmental compliance approval number;
6. The date of the environmental compliance approval;
7. The name of the Director, and;
8. The municipality or municipalities within which the project is to be engaged in.

*And the Notice should be signed and dated by the appellant.*

*This Notice must be served upon:*

The Secretary\*  
Environmental Review Tribunal  
655 Bay Street, Suite 1500  
Toronto, Ontario  
M5G 1E5

AND

The Director appointed for the  
purposes of Part II.1 of the  
Environmental Protection Act  
Ministry of the Environment and  
Climate Change  
135 St. Clair Avenue West, 1st Floor  
Toronto, Ontario  
M4V 1P5

**\* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or [www.ert.gov.on.ca](http://www.ert.gov.on.ca)**

*The above noted activity is approved under s.20.3 of Part II.1 of the Environmental Protection Act.*

DATED AT TORONTO this 9th day of June, 2016

Dale Gable, P.Eng.  
Director  
appointed for the purposes of Part II.1 of  
the *Environmental Protection Act*

RM/

c: District Manager, MOECC Peterborough  
Nyle McIlveen, The Corporation of the Township of Douro-Dummer